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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. XI, No. 1 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — JANUARY, 1963

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of January, 1963, averaged 84,025 barrels daily, a decrease of 1,966 barrels from the average December production of 85,991.

The eight refineries in State processed 80,715 barrels of crude oil daily for the month of January 1963, an increase of 4,804 barrels from the 75,911 barrels processed daily during the month of December 1963.

During January, 24 wells were completed, 10 oil, 1 gas well and 13 dry holes.

During January, the commission issued 16 permits to drill new wells, a decrease of 10 from the 26 permits issued during December.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JANUARY, 1963

IN STORAGE JANUARY 1st:	
By Producers	350,355
By Transporters	917,246
By Refiners	595,843
TOTAL STORAGE	1,863,444
Produced in Montana During Month	2,604,790
Imported During Month	1,566,208
TOTALS	6,034,442
DISPOSITION:	
Refined in Montana	2,502,169
Exported	1,806,646
Used for Fuel or Lost	9,438
TOTAL	4,318,253
IN STORAGE JANUARY 31st:	
By Producers	367,912
By Transporters	845,758
By Refiners	502,519
TOTAL STORAGE	1,716,189

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1963

Field	M Cu. Ft.
Bears Den	0
Big Coulee	158,553
Bowdoin	487,347
Bowes	86,290
Box Elder	0
Cabin Creek	72,748
Cedar Creek	1,377,683
Clarks Fork	0
Cut Bank (including Reagan)	1,014,949
Devon	0
Dry Creek	217,325
Elk Basin	37,546
Flat Coulee	29,362
Golden Dome	24,138
Grandview	0
Hardin	2,516
Havre	0
Keith Block	363,138
Kevin Sunburst	100,014
Pine	53,704
Plevna	4,732
Utopia	111,722
Whitlash	167,645
Miscellaneous	16,174
TOTAL	4,325,586

Total Withdrawals for January, 1962 were 4, 338, 280 M Cu. Ft.

PRODUCERS REPORT—MONTH OF JANUARY, 1963

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	420	2,222		2,055		587
5	Bannatyne	9	1,375	749		863	13	1,248
1	Bascom	1	254	1,187	1,194			247
3	Bear's Den	4	1,607	2,454		2,644	5	1,412
1	Belfry	1	181	478		175		484
1	Benrud	1	546	2,438	2,607			377
1	Benrud East	1	1,021	21,295	21,305			1,011
9	Big Wall	29	1,909	25,229	22,999			4,139
10	Blackfoot	15	2,569	7,539		6,921		3,187
2	Border	2	60	2,489		2,348		201
1	Bowes	74	2,913	14,043	13,229			3,727
2	Brady	6		1,249	1,249			
2	Bredette North	2	953	536				1,489
12	Cabin Creek	117	19,925	310,017	322,263			7,679
12	Cat Creek	86	3,676	18,068	18,347			3,397
	Clark's Fork North		1,912					1,912
	Cupton		284					284
198	Cut Bank	1,068	118,904	147,207	141,800	3,274	145	120,892
3	Deer Creek	5	3,589	15,314	17,538			1,365
1	Delphia	1	839	562		798	16	587
	Devil's Basin		1,265					1,265
5	Dry Creek	5	1,334	803	657			1,480
22	Dwyer	23	11,672	76,997	76,718		2	11,949
8	Elk Basin	59	2,850	315,531	313,643			4,738
1	Fertile Prairie	1	942	1,000	1,000			942
3	Flat Coulee	10	2,068	11,031		11,733		1,366
2	Frannie	2		1,638	1,638			
2	Gage	2	465	526	260			731
4	Gas City	26	7,592	76,830	73,542	2,370		8,510
6	Glendive	11	2,020	34,989	34,187			2,822
6	Graben Coulee	15	3,285	8,430		8,338	(904)	4,281
5	Gypsy Basin	5	2,330	2,373	1,807		95	2,801
1	Hibbard	1	186	709		597		298
9	Ivanhoe	18	3,564	29,127	28,603		225	3,863
6	Keg Coulee	13	4,558	31,863	32,643		5	3,773
104	Kevin Sunburst	772	20,143	37,368	36,641			20,870
2	Little Beaver	24	3,696	25,584	22,937	613		5,730
4	Little Beaver East	23	3,026	29,376	29,731			2,671
18	Lookout Butte	48	3,813	149,324	142,973	3,159	(358)	7,363
	Mackay Dome		770					770
2	Melstone	5	895	5,610	5,740			765
6	Monarch	16	2,148	13,957	11,594			4,511
1	Mosser	1		192		192		
2	Musselshell	2	1,428	648	198		717	1,161
7	Outlook	11	5,628	36,191	34,125			7,694
3	Outlook South	3	1,567	2,027	1,371			2,223
35	Pennel	64	3,599	146,319	134,472	10,654	392	4,400
4	Pine	142	12,940	349,375	349,014	791		12,510
71	Pondera	285	7,405	35,051	33,819		9	8,628
	Pondera Coulee		144					144
5	Poplar, East	88	15,311	146,566	147,387		27	14,463
4	Poplar, Northwest	4	1,796	1,945	1,737			2,004
6	Ragged Point	18	1,998	15,676	14,481			3,193
3	Reagan	42	3,614	17,329	17,881			3,062
9	Red Creek	21	3,511	36,778	27,499	7,559		5,231
1	Redstone	1	428	995	1,003			420
1	Repeat	1	108	889		894		103
3	Richey	4	1,625	4,497	5,088			1,034
4	Richey Southwest	5	2,260	11,969	9,597	1,173		3,459
4	Sand Creek	5	4,113	7,808	9,034			2,887
6	Sidney-Brorson	6	4,510	5,336		3,906		5,940
2	Snyder	4	1,179	1,111		345		1,945
6	Soap Creek	6	1,866	4,554	710	1,222		4,488
9	Stensvad	24	6,128	48,389	49,529			4,988
32	Sumatra	100	13,956	171,820	169,343		45	16,388
6	Tule Creek	8	3,010	78,502	78,635			2,877
11	Whitlash	32	4,664	8,240		8,000		4,904
9	Wolf Springs	18	3,001	19,340	17,317			5,024
4	Woodrow	6	918	15,554	15,489		325	658
2	Wildcat, Sheridan Cnty	2	2,089	6,476	6,318		667	1,580
1	Wildcat, Richland Cnty	1		5,071	4,291			780
732		3,409	350,355	2,604,790	2,505,183	80,624	1,426	367,912

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1962	31,647,507	86,705	31,739,123	86,956
January, 1963	2,604,790	84,025	2,585,807	83,413

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1962	350,355	917,246	595,843	1,863,444
January, 1963	367,912	845,758	502,519	1,716,189

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF JANUARY, 1963

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,055				2,055		
BANNATYNE—Truck			863			863			
BEAR'S DEN—Truck			2,644			2,644			
BELFRY—Truck			175					175	
BIG WALL— Glacier Pipe Line Co.		23,557		920		24,477			
BLACKFOOT—Union Oil Co.			6,921					6,921	
BORDER—Truck			2,348			2,348			
BOWES—Texaco, Inc.		13,229				13,229			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	315,108	973,860		595,355			1,583,357		300,966
Shell Pipe Line Corp.	2,854	236,776			(312)			235,553	4,389
Truck			19,654					13,736	5,918
	317,962	1,210,636	19,654	595,355	(312)		1,583,357	249,289	311,273
CAT CREEK Glacier Pipe Line Co.		16,348				16,348			
CUT BANK									
Darling Gathering System, Inc.	3,708	6,890						8,328	2,270
Glacier Pipe Line Co.				363,875		170,618	193,257		
Phillips Petroleum Co.	31,228	44,973		41,068	(438)	46,095		65,485	6,127
Texas Pipe Line Co.	16,317	20,080		32,346	47			36,958	31,738
Teton Pipeline Corp.	445	35,828		76,573	359	12,377		83,000	17,110
Union Oil Co.	73,140	54,313		42,095	(648)	121,538			48,658
Truck			19,171					19,171	
	124,838	162,084	19,171	555,957	(680)	350,628	193,257	212,942	105,903
DELPHIA—Truck			798			798			
DRY CREEK— Marathon Pipe Line Co.	5,932	657			143				6,446
ELK BASIN—Ohio Oil Co.		313,643				313,643			
FLAT COULEE—Truck			11,733			11,733			
FRANNIE—Marathon Pipeline Co.		1,638					1,638		
GAGE—Glacier Pipe Line Co.		261				261			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK Texas Pipe Line Co.	7,360	75,547			387			73,686	8,834
HIBBARD—Truck			597			597			
IVANHOE—Glacier Pipe Line Co.		28,610				439	28,171		
KEG COULEE Glacier Pipe Line Co.		32,594				9,973	22,621		
KEVIN SUNBURST									
Big West Oil Co.	4,529	58,207				60,132			2,604
Homestake Oil & Gas Co.	167	1,686		8,328		7,992			2,189
Texas Pipe Line Co.	6,178	17,845			708	779		11,442	11,094
	10,874	77,738		8,328	708	68,903		11,442	15,887
MELSTONE— Glacier Pipe Line Co.		5,737				5,737			
MOSSER—Truck			192					192	
PONDERA—Phillips Petr. Co.	5,943	36,012		56,635	2,913	92,147			3,530
POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY & TULE CREEK East Poplar Gathering System	24,591	334,904			878			324,888#	33,729
RAGGED POINT— Glacier Pipe Line Co.		14,524				9,868	4,656		
RED CREEK— Teton Pipeline Co.		40,506			405			40,101	
SIDNEY-BRORSON—McWood Corp.	2,411		3,906						6,317
SNYDER—McWood Corp.			345			345			
SOAP CREEK—McWood Corp.	5,419		1,222			5,079			1,562
SUMATRA AND STENSVAD									
Crude Oil Pipe Line, Inc.	13,240	2,687							15,927
Glacier Pipe Line Co.	379,144	215,736		7,348	3,065	145,841	76,323	58,905	318,094
	392,384	218,423		7,348	3,065	145,841	76,323	58,905	334,021
WHITLASH— Truck			8,000			8,000			
WOLF SPRINGS Crude Oil Pipe Line, Inc.	19,532	17,055				18,331			18,256
TOTALS	917,246	2,623,703	80,624	1,224,543	7,507	1,102,232	1,912,078	978,541	845,758

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.

#Transferred to Butte Pipe Line Company.

Montana School of Mines
Office of the President
Butte, Montana

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JANUARY, 1963

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall		22,999							22,999
Blackfoot								2,041	2,041
Bowes			12,672						12,672
Cat Creek		13,972				109			14,081
Cut Bank							42,156	105,414	147,570
Delphia						205			205
Dry Creek				511					511
Elk Basin		126,909		85,272	101,494				313,675
Gage		261							261
Keg Coulee		9,973							9,973
Kevin Sunburst	76,598								76,598
Melstone				5,737					5,737
Pondera							96,806	445	97,251
Ragged Point				9,868					9,868
Red Creek					37,342				37,342
Snyder		345							345
Soap Creek		1,932							1,932
Sumatra & Stensvad		23,033		122,807					145,840
Whitlash	8,041								8,041
Wolf Springs					29,019				29,019
Total Montana Oil	84,639	199,424	12,672	224,195	167,855	314	138,962	107,900	935,961
Canadian Oil Imported		101,073			10,990				112,063
Wyoming Oil Imported		236,114		305,938	911,531	562			1,454,145
Total Montana, Canadian and Wyoming Oil	84,639	536,611	12,672	530,133	1,090,376	876	138,962	107,900	2,502,169

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1962	30,616	728	45,775	77,119
January, 1962	29,032	0	47,383	76,415
January, 1963	30,192	3,616	46,907	80,715

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1962	39.69%	.96%	59.35%
January, 1962	37.99%	0%	62.01%
January, 1963	37.40%	4.49%	58.11%